

## CONTENTS OF VOLUME 63

*Vol. 63 Nos. 1–2 March I, II 2004*

|  |         |
|--|---------|
| KENNETH R. RICHARDS and CARRIE STOKES / A Review of Forest Carbon Sequestration Cost Studies: A Dozen Years of Research  | 1–48    |
| JENNIFER M. MANGAN, JONATHAN T. OVERPECK, ROBERT S. WEBB, CAROL WESSMAN and ALEXANDER F. H. GOETZ / Response of Nebraska Sand Hills Natural Vegetation to Drought, Fire, Grazing, and Plant Functional Type Shifts as Simulated by the Century Model | 49–90   |
| VALERIE A. BARBER, GLENN PATRICK JUDAY, BRUCE P. FINNEY and MARTIN WILMKING / Reconstruction of Summer Temperatures in Interior Alaska from Tree-Ring Proxies: Evidence for Changing Synoptic Climate Regimes  | 91–120  |
| STEVEN A. MAUGET / Low Frequency Streamflow Regimes over the Central United States: 1939–1998  | 121–144 |
| MARTIN DUBROVSKÝ, JOSEF BUCHTELE and ZDENĚK ŽALUD / High-Frequency and Low-Frequency Variability in Stochastic Daily Weather Generator and its Effect on Agricultural and Hydrologic Modelling   | 145–179 |
| J. JULIO CAMARERO and EMILIA GUTIÉRREZ / Pace and Pattern of Recent Treeline Dynamics: Response of Ecotones to Climatic Variability in the Spanish Pyrenees  | 181–200 |
| PETR CHYLEK, JASON E. BOX and GLEN LESINS / Global Warming and the Greenland Ice Sheet   | 201–221 |
| ALEXANDER GOLUB and ELENA STRUKOVA / Russia and the GHG Market   | 223–243 |
| Erratum  | 245     |

*Vol. 63 No. 3 April 2004*

|  |         |
|--|---------|
| LARA M. KUEPPERS, PAUL BAER, JOHN HARTE, BARBARA HAYA, LAURA E. KOTEEN and MOLLY E. SMITH / A Decision Matrix Approach to Evaluating the Impacts of Land-Use Activities Undertaken to Mitigate Climate Change. <i>An Editorial Essay</i> | 247–257 |
| L. D. DANNY HARVEY / Declining Temporal Effectiveness of Carbon Sequestration: Implications for Compliance with the United National Framework Convention on Climate Change   | 259–290 |



|   |         |
|---|---------|
| JAMES E. OVERLAND, MICHAEL C. SPILLANE and NANCY N. SOREIDE / Integrated Analysis of Physical and Biological Pan-Arctic Change                          | 291-322 |
| NEVILLE NICHOLLS / The Changing Nature of Australian Droughts   | 323-336 |
| JULI G. PAUSAS / Changes in Fire and Climate in the Eastern Iberian Peninsula (Mediterranean Basin)   | 337-350 |
| LINDSEY CHRISTENSEN, MICHAEL B. COUGHENOUR, JAMES E. ELLIS and ZUO ZHONG CHEN / Vulnerability of the Asian Typical Steppe to Grazing and Climate Change | 351-368 |
| Book Review   |         |
| Luiz Pinguelli-Rosa and Mohan Munasinghe: <i>Ethics, Equity and International Negotiations on Climate Change</i> (AXEL MICHAELOWA)                      | 369-371 |
| Volume Contents   | 373-374 |
| Author Index  | 375     |

